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TSCA Status Report for Existing Chemicals - Volume 2, Issue 1

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Office of Pesticides
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Program Integration Division
Washington DC 20460

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Toxic Substances

EPA

TSCA Status Report for Existing Chemicals

Volume 2, Issue 1

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The TSCA Status Report is a bimonthly publication prepared jointly by the Office of Toxics Integration and the Office of Toxic Substances. The report is divided into two sections. Section One lists all the existing chemicals of interest to OPTS (TSCA) and indicates the regulatory/assessment status of each. The chemicals are arranged alphabetically by CAS number (where available) and displayed on a two dimensional array. Chemicals without CAS preferred names are sorted separately from those chemicals with a CAS preferred name. Section Two contains the same information indexed by regulatory/assessment status, i.e., within each OPTS program. For example, the CHIPS listing is followed by the chemicals presently being considered under that effort.

KEYWORDS: *Chemical compounds, *Toxic substances.

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TSCA STATUS REPORT

FOR EXISTING CHEMICALS

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January 1981

Preparation of this document was completed prior to the January 22, 1982, effective date of the EPA Administrator's Order 2200 and consequently did not necessarily undergo the peer review procedures described therein. The document received peer review according to procedures in place prior to that date and received complete administrative review.

Introduction

The TSCA Status Report is a bimonthly publication prepared jointly by the Office of Toxics Integration and the Office of Toxic Substances.

The report is divided into two sections. Section One lists all the existing chemicals of interest to OPTS (TSCA) and indicates the regulatory/assessment status of each. The chemicals are arranged alphabetically by CAS number (where available) and displayed on a two dimensional array. Chemicals without CAS preferred names are sorted separately from those chemicals with a CAS preferred name. Section Two contains the same information indexed by regulatory/assessment status, i.e., within each OPTS program. For example, the CHIPS listing is followed by the chemicals presently being considered under that effort.

The 8(a) chemicals have been omitted from Section Two, and are included in Section One only for those chemicals of concern to at least one other OPTS program. (With over 2,000 8(a) chemicals, their inclusion would render the report unwieldy).

Your comments or suggestions are welcome.

Walter W. Kovalick, Jr.
Director
Integration Staff

KEY TO TSCA STATUS REPORT FOR EXISTING CHEMICALS

CHIPS (Chemical Hazard Information Profile) - Chemicals identified as requiring more extensive review undergo a brief preliminary hazard evaluation (a CHIP), the first stage in the risk assessment process, to further assess the effects presented by a particular chemical. A CHIP includes information such as chemical production volume, use, fate, health and environmental effects, exposure, and other relevant information. CHIPS are based on readily available information and are completed within one to six months depending upon the amount of information used to prepare the CHIP. CHIPS are approximately 10-15 pages in length.

Materials Balance (Mass Balance) - A Mass Balance is a study of a particular chemical's production, use, and resulting release into the environment. Releases are described on national, regional, local, and site-specific levels. A draft of a Level I Mass Balance (the lowest level of study) is completed in five to eight weeks. Level II and III Mass Balances (increased levels of study and effort) take substantially longer to complete. A Level I Mass Balance is used for the preparation of a Phase I Risk Assessment.

PRL I (Priority Review Level I) - This "fast-track" review process focuses on a specific problem identified and defined in the CHIP and its preceding chemical screening (in which information is reviewed to determine the need for a CHIP). A PRL I is completed when a chemical meets established criteria for consideration as a possible priority problem. Any decision made at the completion of a PRL I regarding regulatory action is based solely on the degree of risk involved and the adequacy of available information to determine this risk.

Phase I - If, after the completion of a CHIP, there is sufficient evidence indicating a more in-depth look at a chemical is necessary, but the Priority Problem "fast-track" process is not required, a Phase I assessment (preliminary risk assessment) is conducted. Phase I assessments summarize available information on a specific chemical, identify problems and information needs that need to be considered in subsequent stages of the preliminary risk assessment and present conclusions. A Phase I assessment can take one year to complete.

Phase II (Decision Making Risk Assessment) - This phase is the final assessment stage and is designed to provide a technical risk assessment document in support of a regulatory decision making package. The assessment is problem-specific and provides a detailed analysis of those chemical sources considered to be most serious in order to support a control action decision. A final Phase II assessment is expected to take at least two years for completion.

Section 4 - Based on sufficient available information, chemicals perceived to be potentially toxic have been recommended for testing by the ITC (Interagency Testing Committee) in their reports to the Administrator. Section 4 of TSCA requires testing of selected substances/mixtures.

Section 5 - Significant New Use Rule (SNUR) - During or after the PMN review process, the Administrator may determine, by rule, significant new uses for selected substances or categories of substances of concern. When making this determination, the Administrator shall consider the following factors: projected production volume; changes in exposure (type or form) due to this new use; increased magnitude and duration of exposure due to this new use; and the anticipated manner and methods in which this substance will be manufactured, processed, distributed in commerce, and disposed. This review provides the Office of Pesticides and Toxic Substances the opportunity to assess these chemicals for potential risks to human health or the environment. In particular, OTS expects to issue SNURs to follow selected new chemicals of concern.

Section 6(a) - Section 6(a) of TSCA requires regulation of hazardous chemical substances and mixtures if the Administrator finds there is a "reasonable basis to conclude that the manufacture processing, distribution in commerce, use, disposal or any combination of such activities presents an unreasonable risk of injury to health or the environment." Entries only appear in the "under development" category subsequent to publication of an Advanced Notice of Proposed Rulemaking (ANPR).

Section 6(d) - If the Administrator determines an unreasonable risk of serious or widespread injury to health or the environment is likely to occur before a rule undergoing the existing regulatory process can be completed, EPA can propose a rule under Section 6(d) of TSCA to be immediately effective (upon publication in the Federal Register) until a final action is taken. Entries only appear in the "completed" category.

Section 8(a) Level A - EPA will require manufacturers and processors to maintain records and submit reports on certain chemical substances. A list of 2,200 chemicals subject to this proposed rule was published in the Federal Register on February 29, 1980. More detailed (Level B and eventually Level C) rules requiring submission of information will be proposed in the future.

Section 8(d) - Health and Safety studies with respect to a chemical substance or mixture will be required to be submitted to EPA. Proposed rules were published December 31, 1979.

Section 8(e) - Section 8(e) requires that information which supports the conclusion that a substance presents a substantial risk to health or the environment must be reported to the EPA Administration.

It should be noted that the CAS number system does not begin until Formaldehyde, 50-00-0. Preceding numbers are Sequential (SEQ) numbers designated for all chemicals that do not have CAS numbers for sorting purposes.

PART I

CHEMICALS OF INTEREST

TO OPTS

ENVIRONMENTAL PROTECTION AGENCY — DECEMBER 29, 1980

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4	SEC 5 SNUR	SEC 6(A)	SEC 6(D)	SEC8A LVL A	SEC 8(D)	SEC 8(E)
93	AP-1155 - Polyaromatic amines												*
70	Acetamidine,n-(2-isopropoxycarbonyl-1 -methylvinyl-methoxythiophosphorami)												*
3	Acrylic acid and 2-methylacrylic acid and their esters										%	%	
34	Adipate esters	X			#								
108	Alcohol ethoxysulfate (ammonium salt)												*
107	Alcohol ethoxysulfate (sodium salt)												*
39	Alkyl epoxides						%				%	%	
32	Alkyl phthalates	X		#			%				%	%	
151	Aluminum and compounds	%											*
10	Anilines		X				%					%	
109	Arco LB-7979												*
165	Argus 2-328												*
125	Aromatic hydrocarbons												*
128	Arsenic/cadmium compounds (including mining and smelting compounds)												*
11	Aryl phosphates						%				%	%	
138	Aryl phosphates												*
72	Benzene, 1,4-dibromo-2,5-dichloro-												*
5	Benzidine based dyes and congeners		%		X							%	
79	Bis(tribromoneopentyl)pentaerythritol cyclic diphosphate MC 948												*
95	Brominated aromatic oils CN-110-109												*
155	Bromine and bromine compounds	X											
102	Bromodichlorobenzene (neutral oils from hydrolysis)												*
20	Chlorinated benzenes (mono-, di-, tri-, tetra-, and penta-)		X				%						
98	Chlorinated dioxin												*
126	Chlorinated hydrocarbons												*
97	Chlorinated norbornene derivatives												*
163	Chlorofluorocarbons (non-aersol uses)								%				
30	Chlorofluorocarbons				X	%							
149	Chlorophenols	X	%										*
134	Chromates												*
146	Coal derived fuel oil fractions (Experimental)												*
142	Cobalt metal salts												*
143	Copper metal salts												*
133	Copper smelting compounds												*

X = COMPLETED % = UNDER DEVELOPMENT + = UNDER CONSIDERATION # = IN QUEUE * = OTHER

ENVIRONMENTAL PROTECTION AGENCY — DECEMBER 29, 1980

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4	SEC 5 SNUR	SEC 6(A)	SEC 6(D)	SEC8A LVL A	SEC 8(D)	SEC 8(E)
24	Cresols						%					%	
150	Crude shale oils												*
57	Cr-141												*
162	Cutting fluids	%											
2	Cyanuric acid and chlorinated derivatives	%											
78	N-alkyl glycidyl ethers (C2-C10)												*
59	Decofuranuronic acid,6,9-diamino -1-(amino-9h-purin-9-yl)-1,5,6,7,8,9,-hex												*
51	1,4-Diazobicyclo 2.2.2. octane	X											
129	Dibenzo-p-dioxin,polychlorinated												*
71	(Dichloro-triazino)amino-benzyl-sulfonate												*
179	Dicyclopentadiene												*
136	Diesel fuel												*
1	Diethylchlorothiophosphate	X											
111	Dimethylhydantoin - derived epoxy resin (developmental)												*
36	Dioxins											%	
62	Diphenylmethane diisocyanate												*
35	Ethanolamines	X			#								
141	Ethoxylated C12-C15 alcohols												*
105	Ethoxylated products												*
152	Ethylamines	X											
55	Ethylene glycol, 2-hydroxypropyl-2(2-hydroxyethyl)												*
86	FC-70 Decomposition products												*
160	Fluorine compounds												*
114	Fuel oil												*
26	Glycidol and its derivatives						%				%	%	
82	Gulf cut heavy duty soluble oil												*
27	Halogenated alkyl epoxides						%				%	%	
158	Hexachlorocyclopentadiene and derivatives	X											
120	Hexyn-3-ol												*
104	Home heating oil (no. 2)												*
87	Hydraulic fluid												*
123	Hydrocarbon solvents												*
60	Hydroxyacetaldehyde dimethyl acetal												*
113	Imidazolidin-2-one, 1-(5-t-butyl -1,3,4-thiadiazol-2-yl)-3-methyl-5(M-CHL												*
118	Ink roller desensitizer												*
96	Isocyanate dimer of 5-t-butyl-1,3,4-thiadazol-2-yl												*
106	Jet fuel A												*

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CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4	SEC 5 SNUR	SEC 5(A)	SEC 6(D)	SNC8A LVL A	SEC 8(D)	SEC 8(E)
101	Kenplast G (mixed aromatic hydrocarbons)												*
58	Kermac 218A												*
169	Kronitex(R)(100)												*
171	Kronitex(R) 200B												*
170	Kronitex(R) 200												*
168	Kronitex(R)(50)												*
144	Lead metal salts												*
157	Lithium and lithium compounds	X											
153	Methylamines	X											
117	Multilithe deglazing solvent												*
90	Napthenic oil mixture												*
145	Nickel metal salts												*
74	Nitroaniline, 2-n(2,2,3,3tetrafluoropropyl-1 -amide)-4-trifluoromethyl-												*
68	Octanoylimidazolidin-2-one, 1-(5-t-butyl-1,3,4-thiadiazol-2-yl) -3-methyl												*
121	Octan-2-one, 5-methyl-												*
148	Organic solvents												*
175	Organotin Compounds											%	
159	Paints and allied products								+				
83	Pcl bottoms & hex pcl bottoms												*
89	Pentabromophenyl-2,3-dibromocarbonate												*
85	Perfluoroimine												*
122	Petroleum crude fractions, high boiling												*
100	Petroleum crude fractions												*
127	Petroleum distillates												*
61	Phenol formaldehyde resin												*
161	Phenylenediamines						%						
154	Phenylene di/triamines	X											
33	Phosphates				X								
140	Phosphonium acid compounds												*
124	Phosphonium salts												*
64	Phosphoric acid, 2,2-bis(bromomethyl) -3-hydroxy-1-propyl												*
178	Photocopying toner												*
116	Piperazine, 2-Hydroxyethyl												*
112	Polyalkoxylated polyamine												*
131	Polybrominated biphenyls												*
4	Polychlorinated biphenyls												*
176	Polychlorinated dibenzofurans											%	

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ENVIRONMENTAL PROTECTION AGENCY

DECEMBER 29, 1980

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4	SEC 5 SNUR	SEC 6(A)	SEC 6(D)	SEC8A LVL A	SEC 8(D)	SEC 8(E)
											%	%	
29	Polychlorinated terpheryls												*
94	Polydibromophenylene oxide MC 935A												*
73	Polyethylated benzene tails												*
164	Polyguard												*
177	Polyguart H												
31	Polynuclear aromatic hydrocarbons				#								*
137	Polystyrene waste streams												*
91	Polyvel M-106 polymer												*
67	Polyvel g-100												
53	1,3-Propanediamine,N,N-dimethyl	%											*
110	Provalent 4A												*
76	Solvent refined coal (SRC) - filter feed												*
84	Stanax (R) 1166												*
115	Sun-cor flexographic 74 red ink												*
88	Tetrabromo diallyl carbonate												*
80	Tetrabromophthalate, 1-propanol monoester												*
167	Thiodipropionate ester complex												*
66	Thiophosphoramidate, dimethyl-n-tetrahydropyronyl												*
63	Thiophosphoramide-n,n-dimethylforamidine, n-2-methoxycarbonyl-1-methylvi												*
65	Thiophosphoryl-n',n'-dimethylforamidine, 0-methyl-0-trans-(2-methoxycarb												
180	Trimethyl phosphite	X											*
166	Tri(mixed mono and dinonylphenyl) phosphate												*
75	Urea, 1-(3,4-dichlorophenyl)-1-carbamyl methoxy-3-methyl-												*
103	Varsol 40												*
135	Vel-5026 intermediates												*
77	Wellaid pg-100												*
99	S-methyl-n-((alpha'-methyl-n' -methylcarbamyloxymethylene)oxy)thioacetami												*
92	N-(2,4-dinitro-6-(trifluoromethyl) phenyl)-n-methyl-2,4,6-tribromobenzen												*
119	1,1,1,-trifluoro-2-chloro												
156	N-nitroso compounds	X											
5	N-methanesulfonyl-p-toluenesulfonamide							X					*
69	n(2-methoxycarbonyl-1-methylvinyl-methoxy-thiophosphoryl)												
75-07-0	Acetaldehyde	X											*
79-11-8	Acetic acid, chloro-												

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ENVIRONMENTAL PROTECTION AGENCY — DECEMBER 29, 1980

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRE I	PHASE I	PHASE II	SEC 4	SEC 5 SNUR	SEC 6(A)	SEC 6(D)	SEC8A LVL A	SEC 8(D)	SEC 8(E)
108-05-4	Acetic acid ethenyl ester												*
79-20-9	Acetic acid, methyl ester												*
127-09-3	Acetic acid, sodium salt												*
75-05-8	Acetonitrile	X					%				%	%	*
33791-58-1	Acrylic acid, 3a,4,5,6,7,7a-hexahydro-4,7-methanoindenyl ester										%		*
68002-97-1	Alcohol ethoxylate												*
67762-41-8	Alcohols C9-C15												*
67762-19-0	-Ammonium salt												*
3179-90-6	9,10-Anthracenedione, 1,4-dihydroxy-5,8-bis[(2-hydroxyethyl)amino]-												*
117-79-3	9,10-Anthracenedione, 2-amino-	X		$									
1309-64-4	Antimony oxide	%					%				%	%	
1345-04-6	Antimony sulfide						%				%	%	
7440-36-0	Antimony						%				%	%	
68187-58-6	Aromatic petroleum pitch												*
7440-38-2	Arsenic		X		%								
1332-21-4	Asbestos				%	%			+			%	
26903-94-6	Benzenamine, N,N-diethyl-4-(1H-1,2,4-triazol-3-ylazo)-												*
92-49-9	Benzenamine, N-(2-chloroethyl)-N-ethyl-										%		*
22564-43-8	Benzenamine, N-(2-chloroethyl)-N-ethyl-3-methyl-												*
61791-97-7	Benzenamine, N-(2-methyl-2-nitrobutyl)-4-nitroso-(9CI)												*
62-53-3	Benzenamine	X											
120-71-8	Benzenamine, 2-methoxy-5-methyl-										%		*
99-59-2	Benzenamine, 2-methoxy-5-nitro-	X		$							%		
99-55-8	Benzenamine, 2-methyl-5-nitro-	X									%		
2465-27-2	Benzenamine,4,4'-carbonimidoylbis[N,N-dimethyl-, monchydrochloride	%									%		
101-77-9	Benzenamine, 4,4'-methylenebis-						%				%	%	
101-14-4	Benzenamine, 4,4'-methylenebis(2-chloro-	X									%		
101-80-4	Benzenamine, 4,4'-oxybis-	%									%		
614-45-9	Benzenecarboperoxoic acid, 1,1-dimethylethyl ester	%									%		
100-44-7	Benzene, (chloromethyl)-	X	X		%						%	%	*
108-90-7	Benzene, chloro-										%		*
106-50-3	1,4-Benzenediamine										%	%	
95-80-7	1,3-Benzenediamine, 4-methyl-	X	X	$									
117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester			%					+		%		
98-87-3	Benzene, (dichloromethyl)-										%		*

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ENVIRONMENTAL PROTECTION AGENCY — DECEMBER 29, 1980

CASNO	PREFERRED NAME	CHIPS	WATER BALAN	PRL I	PHASE I	PHASE II	SEC 4	SEC 5 SNUR	SEC 6(A)	SEC 6(D)	SEC8A LVL A	SEC 8(D)	SEC 8(E)
123-31-9	1,4-Benzenediol						%				%	%	
100-42-5	Benzene, ethenyl-										%	%	*
100-41-4	Benzene, ethyl-										%	%	
118-74-1	Benzene, hexachloro-				X						%		
620-05-3	Benzene, (iodomethyl)-												*
103-71-9	Benzene, isocyanato-										%		*
2650-18-2	Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl](2-sulfophenyl)methylene]-2,5cien-1-ylidene]-3-sulfo-, hydroxide, inner salt, dsalt	%									%		
108-88-3	Benzene, methyl- (9CI)	X					%				%	%	*
98-95-3	Benzene, nitro-	X					%				%	%	
98-07-7	Benzene, (trichloromethyl)-										%		*
71-43-2	Benzene		X	X								%	*
97-00-7	Benzene, 1-chloro-2,4-dinitro-	%									%		
5216-25-1	Benzene, 1-chloro-4-(trichloromethyl)-										%		*
98-83-9	Benzene, (1-methylethenyl)-										%		*
121-14-2	Benzene, 1-methyl-2,4-dinitro-	X									%		*
101-84-8	Benzene, 1,1'-oxybis-												*
37853-59-1	Benzene, 1,1'-[1,2-ethanediylbis(oxy)]bis[2,4,6-tribromo-										%		*
95-47-6	Benzene, 1,2-dimethyl- (9CI)						%				%	%	
108-38-3	Benzene, 1,3-dimethyl-						%				%	%	
106-42-3	Benzene, 1,4-dimethyl-						%				%	%	
118-96-7	Benzene, 2-methyl-1,3,5-trinitro-	X									%		
1563-66-2	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate												*
65-85-0	Benzoic acid												*
2905-65-9	Benzoic acid, 3-chloro-, methyl ester										%		*
98-88-4	Benzoyl chloride										%		*
3389-71-7	Bicyclo[2.2.1]hepta-2,5-diene, 1,2,3,4,7,7-hexachloro-										%		*
1336-36-3	1,1'-Biphenyl, chlorinated								%				*
92-52-4	1,1'-Biphenyl	%									%		*
87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-						%				%	%	
126-99-8	1,3-Butadiene, 2-chloro-										%	%	
78-78-4	Butane, 2-methyl-												*
95-08-9	Butanoic acid, 2-ethyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester (9CI)										%		*
1338-23-4	2-Butanone, peroxide	X									%		
78-93-3	2-Butanone						%				%	%	

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CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4	SEC 5 SNUR	SEC 6(A)	SEC 6(D)	SEC8A LVL A	SEC 8(D)	SEC 8(E)
928-04-1	2-Butynedioic acid, monopotassium salt												*
7440-43-9	Cadmium		X		X				+				*
51-79-6	Carbamic acid, ethyl ester	X									%		
1484-13-5	9H-Carbazole, 9-ethenyl-												*
132-32-1	9H-Carbazol-3-amine, 9-ethyl-	X									%		
1333-86-4	Carbon black	X									%		
75-44-5	Carbonic dichloride	X											*
7782-50-5	Chlorine												*
7789-12-0	Chromic acid (H2Cr2O7), disodium salt, dihydrate (9CI)												*
7775-11-3	Chromic acid, disodium salt												*
7789-06-2	Chromic acid, strontium salt (1:1)										%		*
1333-82-0	Chromium oxide										%		*
7440-47-3	Chromium				X								*
64741-62-4	Clarified oils (petroleum), catalytic cracked												*
25637-99-4	Cyclododecane, hexabromo-										%		*
106-51-4	2,5-Cyclohexadiene-1,4-dione						%				%	%	
108-91-8	Cyclohexanamine	X			#								
108-87-2	Cyclohexane, methyl-	X									%		
108-94-1	Cyclohexanone						%				%	%	
100-40-3	Cyclohexene, 4-ethenyl-	X									%		
78-59-1	2-Cyclohexen-1-one, 3,5,5-trimethyl-						%				%	%	
542-92-7	1,3-Cyclopentadiene										%		*
25329-35-5	1,3-Cyclopentadiene, 1,2,3,4,5-pentachloro- (8CI9CI)												*
77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	X					%				%	%	*
706-78-5	Cyclopentene, octachloro- (8CI9CI)												*
1746-01-6	Dibenzo[b,e][1,4]dioxin, 2,3,7,8-tetrachloro- (9CI)									X			*
33857-26-0	Dibenzo[b,e][1,4]dioxin, 2,7-dichloro- (9CI)												*
534-13-4	Dimethyl thiourea	X											
6369-65-9	Dinaphtho[1,2,3-cd:3',2',1'-lm]perylene-5,10-dione, 3,12-dinitro-												*
123-91-1	1,4-Dioxane	X			%						%		*
828-00-2	1,3-Dioxan-4-ol, 2,6-dimethyl-, acetate	X									%		
68410-09-3	Distillates (coal), solvent-refining (SRC), wash												*
64742-46-7	Distillates (petroleum), hydrotreated middle												*
64741-59-9	Distillates (petroleum), light catalytic cracked												*
64741-44-2	Distillates (petroleum), straight-run middle												*
624-92-0	Disulfide, dimethyl												*
122-07-6	Ethanamine, 2,2-dimethoxy-N-methyl-										%		*

X = COMPLETED % = UNDER DEVELOPMENT + = UNDER CONSIDERATION # = IN QUEUE * = OTHER

ENVIRONMENTAL PROTECTION AGENCY — DECEMBER 29, 1980

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4	SEC 5 SNUR	SEC 6(A)	SEC 6(D)	SEC8A LVL A	SEC 8(D)	SEC 8(E)
3033-62-3	Ethanamine, 2,2'-oxybis[N,N-dimethyl-												*
74-96-4	Ethane, bromo-	%											
75-00-3	Ethane, chloro-	X											
107-15-3	1,2-Ethanediamine	X											
67-72-1	Ethane, hexachloro-	X	%		#								
75-34-3	Ethane, 1,1-dichloro-										%	%	*
60-29-7	Ethane, 1,1'-oxybis-	%											
71-55-6	Ethane, 1,1,1-trichloro-		X				%				%	%	*
79-00-5	Ethane, 1,1,2-trichloro-	X			%						%		*
79-27-6	Ethane, 1,1,2,2-tetrabromo-										%		*
79-34-5	Ethane, 1,1,2,2-tetrachloro-	X			#								
106-93-4	Ethane, 1,2-dibromo-	X		#									
107-06-2	Ethane, 1,2-dichloro-	X	X	#					+				*
7252-83-7	Ethane, 2-bromo-1,1-dimethoxy-												*
107-07-3	Ethanol, 2-chloro-										%		*
111-46-6	Ethanol, 2,2'-oxybis-	%											
102-71-6	Ethanol, 2,2',2''-nitrilotris-	X									%	%	*
68109-57-9	Ethanone, 2,2-bis(1-methylpropoxy)-1-phenyl-												*
593-60-2	Ethene, bromo-	X	%		#						%		*
75-01-4	Ethene, chloro-	X											*
75-02-5	Ethene, fluoro-	X										%	
127-18-4	Ethene, tetrachloro-		X		%								*
79-01-6	Ethene, trichloro-		X		%								*
593-92-0	Ethene, 1,1-dibromo- (9CI)	X											
75-35-4	Ethene, 1,1-dichloro-				#						%		*
75-38-7	Ethene, 1,1-difluoro-	X									%	%	
156-60-5	Ethene, 1,2-dichloro-, (E)-												*
129-79-3	9H-Fluoren-9-one, 2,4,7-trinitro-	%									%		
50-00-0	Formaldehyde	X	%		%								*
68-12-2	Formamide, N,N-dimethyl-	X									%		
68476-30-2	Fuel oil, no. 2												*
108-31-6	2,5-Furandione	X									%		*
109-99-9	Furan, tetrahydro-	X									%		
96-48-0	2(3H)-Furanone, dihydro-	%											
4835-11-4	1,6-Hexanediamine, N,N'-dibutyl-										%		*
124-09-4	1,6-Hexanediamine	X									%		
110-54-3	Hexane	X									%		
7647-01-0	Hydrochloric acid												*
7783-06-4	Hydrogen sulfide												*
80-15-9	Hydroperoxide, 1-methyl-1-phenylethyl	%									%		
75-91-2	Hydroperoxide, 1,1-dimethylethyl	%									%		

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ENVIRONMENTAL PROTECTION AGENCY — DECEMBER 29, 1980

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PEL I	PHASE I	PHASE II	SEC 4	SEC 5 SNUR	SEC 6(A)	SEC 6(D)	SEC8A LVL A	SEC 8(D)	SEC 8(E)
552-30-7	5-Isobenzofurancarboxylic acid, 1,3-dihydro-1,3-dioxo-	X									%		*
632-79-1	1,3-Isobenzofurandione, 4,5,6,7-tetrabromo-										%		*
12108-13-3	Manganese, tricarbonyl[(1,2,3,4,5-.eta.)-1-methyl-2,4-cyclopentadien-1 -yl]- (9CI)												*
21908-53-2	Mercury oxide												*
7439-97-6	Mercury				%								
191-79-7	Mesityloxide											%	
62-75-9	Methanamine, N-methyl-N-nitroso-										%		*
23307-05-3	Methanamine, N-methyl-, sulfate (1:1)										%		*
548-62-9	Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, chloride	%											
75-45-6	Methane, chlorodifluoro-	%										%	
74-87-3	Methane, chloro-	X					%				%	%	
75-09-2	Methane, dichloro-	%					%				%	%	*
74-88-4	Methane, iodo-										%	%	
542-88-1	Methane, oxybis[chloro-												*
56-23-5	Methane, tetrachloro-	X	%		%								*
74-93-1	Methanethiol												*
67-66-3	Methane, trichloro-		X		%								*
828-66-0	4,7-Methanoisobenzofuran-1,3-dione, 3a,4,7,7a-tetrahydro-8-methyl- (9C I)												*
115-27-5	4,7-Methanoisobenzofuran-1,3-dione, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-										%		*
67-56-1	Methanol	X											*
77-73-6	4,7-Methano-1H-indene, 3a,4,7,7a-tetrahydro-	%									%		*
133-21-1	4,7-Methano-1H-inden-5-ol, 3a,4,5,6,7,7a-hexahydro-												*
110-91-8	Morpholine	X									%	%	*
102-77-2	Morpholine, 4-(2-benzothiazolylthio)-										%		*
13752-51-7	Morpholine, 4-[(4-morpholinylthio)thioxomethyl]-												*
68476-79-9	Naphtha (coal), solvent-refining												*
1937-37-7	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(-, disodium salt										%		*
64741-66-8	Naphtha (petroleum), light alkylate												*
61789-51-3	Naphthenic acids, cobalt salts	%											
64741-54-4	Naptha (petroleum), heavy catalytic cracked												*
64741-48-6	Natural gas (petroleum), raw liq. mix												*

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ENVIRONMENTAL PROTECTION AGENCY — DECEMBER 29, 1980

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4	SEC 5 SNUR	SEC 6(A)	SEC 6(D)	SEC8A LVL A	SEC 8(D)	SEC 8(E)
8006-14-2	Natural gas												*
7440-02-0	Nickel												*
58496-98-3	No name yet identified for CSR												*
2442-57-7	No name yet identified for CSR												*
59261-06-2	No name yet identified for CSR												*
6058-23-7	No name yet identified for CSR												*
17157-48-1	No name yet identified for CSR												*
11114-18-4	No name yet identified for CSR												*
59489-59-7	No name yet identified for CSR												*
17356-39-2	No name yet identified for CSR												*
60928-15-6	No name yet identified for CSR												*
51461-71-3	No name yet identified for CSR												*
56910-74-8	No name yet identified for CSR												*
25563-14-8	No name yet identified for CSR												*
58573-43-6	No name yet identified for CSR												*
12824-93-1	No name yet identified for CSR												*
2426-08-6	Oxirane, (butoxymethyl)-										%		*
106-89-8	Oxirane, (chloromethyl)-										%		*
930-37-0	Oxirane, (methoxymethyl)-										%		*
122-60-1	Oxirane, (phenoxymethyl)-	X		&							%		*
96-09-3	Oxirane, phenyl-	X									%	%	
75-21-8	Oxirane										%		*
7665-72-7	Oxirane, [(1,1-dimethylethoxy)methyl]-												*
3083-25-8	Oxirane, (2,2,2-trichloroethyl)-	X									%		
87-86-5	Pentachlorophenol											%	
26842-43-3	Pentanenitrile, 2-amino-2,4-dimethyl-												*
141-59-3	2-Pentanethiol, 2,4,4-trimethyl-												*
107-87-9	2-Pentanone	X									%		
108-10-1	2-Pentanone, 4-methyl-						%				%	%	
141-79-7	3-Penten-2-one, 4-methyl-						%						
25155-23-1	Phenol, dimethyl-, phosphate (3:1)										%		*
68937-40-6	Phenol, isobutylenated, phosphate (3:1)												*
68937-41-7	Phenol, isopropylated, phosphate (3:1)												*
51-28-5	Phenol, 2,4-dinitro-	%									%		
95-95-4	Phenol, 2,4,5-trichloro-											%	
118-79-6	Phenol, 2,4,6-tribromo-	X									%		*
150-76-5	Phenol, 4-methoxy-												*
25068-38-6	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane												*
79-94-7	Phenol, 4,4'-(1-methylethylidene)bis[2,6-dibromo-										%		*
603-35-0	Phosphine, triphenyl-										%		*

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CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4	SEC 5 SNUR	SEC 6(A)	SEC 6(D)	SEC8A LVL A	SEC 8(D)	SEC 8(E)
1832-07-1	Phosphonitrile chloride												*
35835-94-0	Phosphonium, ethyltriphenyl-, acetate												*
4736-60-1	Phosphonium, ethyltriphenyl-, iodide												*
17786-43-5	Phosphonium, tetrabutyl-, acetate, monoacetate												*
1100-88-5	Phosphonium, triphenyl(phenylmethyl)-, chloride												*
21609-90-5	Phosphonothioic acid, phenyl-, O-(4-bromo-2,5-dichlorophenyl) O-methyl ester (8CI9CI)												*
115-86-6	Phosphoric acid, triphenyl ester										%		*
1330-78-5	Phosphoric acid, tris(methylphenyl) ester										%		*
66108-37-0	Phosphoric acid, 2,2-bis(bromomethyl)-3-chloropropyl bis[2-chloro-1-(chloromethyl)ethyl] ester										%		*
680-31-9	Phosphoric triamide, hexamethyl-	%									%		
24934-91-6	Phosphorodithioic acid, S-(chloromethyl) O,O-diethyl ester (8CI9CI)												*
121-45-9	Phosphorous acid, trimethyl ester	%									%		*
10025-87-3	Phosphoryl chloride												*
103-76-4	1-Piperazineethanol												*
1932-04-3	Piperidine, 1,1'-(1,2-ethanediyl)bis-												*
78-00-2	Plumbane, tetraethyl-												*
75-74-1	Plumbane, tetramethyl-												*
4261-68-1	2-Propanamine, N-(2-chloroethyl)-N-(1-methylethyl)-, hydrochloride												*
4584-49-0	1-Propanamine, 2-chloro-N,N-dimethyl-, hydrochloride												*
57-55-6	1,2-Propanediol										%		*
4196-86-5	1,3-Propanediol, 2,2-bis[(benzoyloxy)methyl]-, dibenzoate												*
1738-25-6	Propanenitrile, 3-(dimethylamino)-										%		*
96-12-8	Propane, 1,2-dibromo-3-chloro-										%		*
78-87-5	Propane, 1,2-dichloro-						%				%	%	
142-28-9	Propane, 1,3-dichloro-	%									%		
75-29-6	Propane, 2-chloro-										%		*
75-28-5	Propane, 2-methyl-												*
79-46-9	Propane, 2-nitro-	%	%	$							%	%	*
67-63-0	2-Propanol	%											
20109-39-1	1-Propanol, 2-[2-(benzoyloxy)propoxy]-, benzoate										%		*
126-72-7	1-Propanol, 2,3-dibromo-, phosphate (3:1)				X						%		*
96-13-9	1-Propanol, 2,3-dibromo-										%		*

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ENVIRONMENTAL PROTECTION AGENCY

DECEMBER 29, 1980

CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL PHASE I	PHASE I	PHASE II	SEC 4	SEC 5 SNUR	SEC 6(A)	SEC 6(D)	SEC8A LVL A	SEC 8(D)	SEC 8(E)
684-16-2	2-Propanone, 1,1,1,3,3,3-hexafluoro-	X											
107-02-8	2-Propenal	X											
79-06-1	2-Propenamide				%		%				%	%	
107-13-1	2-Propenenitrile				#							%	*
382-21-8	1-Propene, 1,1,3,3,3-pentafluoro-2-(trifluoromethyl)- (9CI)												*
107-05-1	1-Propene, 3-chloro-	X									%		
140-88-5	2-Propenoic acid, ethyl ester	X									%		*
9003-04-7	2-Propenoic acid, homopolymer, sodium salt												*
106-90-1	2-Propenoic acid, oxiranylmethyl ester										%		*
79-10-7	2-Propenoic acid	%											
103-11-7	2-Propenoic acid, 2-ethylhexyl ester	X									%		*
106-91-2	2-Propenoic acid, 2-methyl-, oxiranylmethyl ester										%		*
2223-82-7	2-Propenoic acid, 2,2-dimethyl-1,3-propanediyl ester	X									%		*
110-86-1	Pyridine						%				%	%	
14808-60-7	Quartz	X											*
68410-72-0	Residues (coal), solvent-refining (SRC), filtration												
26628-22-8	Sodium azide	X											*
7647-15-6	Sodium bromide												*
68585-34-2	-Sodium salt												*
10025-67-9	Sulfur chloride										%		
2551-62-4	Sulfur fluoride, (OC-6-11)-	X											*
10043-01-3	Sulfuric acid, aluminum salt (3:2)												*
2973-10-6	Sulfuric acid, bis(1-methylethyl) ester (9CI)												*
7778-18-9	Sulfuric acid, calcium salt (1:1)												*
7783-20-2	Sulfuric acid diammonium salt												*
625-22-9	Sulfuric acid, dibutyl ester (8CI9CI)										%		*
64-67-5	Sulfuric acid, diethyl ester										%		*
77-78-1	Sulfuric acid, dimethyl ester												
13494-80-9	Tellurium	X											
101-25-7	1,3,5,7-Tetraazabicyclo[3.3.1]nonane, 3,7-dinitroso-	X											*
7177-48-2	4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(aminophenylac etyl)amino]-3,3-dimethyl-7-oxo-, trihyd[2.alpha.,5.alph a.,6.beta.(S*)]]- (9CI)												
62-56-6	Thiourea	X											
1314-20-1	Thorium dioxide	X											
7440-32-6	Titanium	%											

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CASNO	PREFERRED NAME	CHIPS	MATER BALAN	PRL I	PHASE I	PHASE II	SEC 4	SEC 5 SMUR	SEC 6(A)	SEC 6(D)	SEC8A LVL A	SEC 8(D)	SEC 8(E)
638-16-4	1,3,5-Triazine-2,4,6(1H,3H,5H)-trithione												*
11089-65-9	Tunicamycin (9CI)												*
1318-00-9	Vermiculite	X		X					+				
63428-83-1	Zytel nylon resin												*
93-00-5	6-amino-2-naphthalene sulfonic acid	X											
2215-35-2	o,o,bis (1,3-dimethyl-butyl) phosphorodithioic acid, zinc salt												*

PART II

CHEMICALS OF INTEREST

TO OPTS

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JANUARY 6, 1981

CHIPS

Completed

1	Diethylchlorothiophosphate
32	Alkyl phthalates
34	Adipate esters
35	Ethanolamines
47	No preferred name on file
51	1,4-Diazobicyclo 2.2.2. octane
149	Chlorophenols
151	Aluminum and compounds
152	Ethylamines
153	Methylamines
154	Phenylene di/triamines
155	Bromine and bromine compounds
156	N-nitroso compounds
157	Lithium and lithium compounds
158	Hexachlorocyclopentadiene and derivatives
162	Cutting fluids
130	Trimethyl phosphite
50-00-0	Formaldehyde
51-79-6	Carbamic acid, ethyl ester
56-23-5	Methane, tetrachloro-
62-53-3	Benzenamine
62-56-6	Thiourea
67-56-1	Methanol
67-63-0	2-Propanol
67-72-1	Ethane, hexachloro-
68-12-2	Formamide, N,N-dimethyl-
74-87-3	Methane, chloro-
75-00-3	Ethane, chloro-
75-01-4	Ethene, chloro-
75-02-5	Ethene, fluoro-
75-05-8	Acetonitrile
75-07-0	Acetaldehyde
75-09-2	Methane, dichloro-
75-38-7	Ethene, 1,1-difluoro-
75-44-5	Carbonic dichloride
75-45-6	Methane, chlorodifluoro-
77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
79-00-5	Ethane, 1,1,2-trichloro-

79-34-5	Ethane, 1,1,2,2-tetrachloro-
79-46-9	Propane, 2-nitro-
95-80-7	1,3-Benzenediamine, 4-methyl-
96-09-3	Oxirane, phenyl-
98-95-3	Benzene, nitro-
99-55-8	Benzenamine, 2-methyl-5-nitro-
99-59-2	Benzenamine, 2-methoxy-5-nitro-
100-40-3	Cyclohexene, 4-ethenyl-
100-44-7	Benzene, (chloromethyl)-
101-14-4	Benzenamine, 4,4'-methylenebis(2-chloro-
101-25-7	1,3,5,7-Tetraazabicyclo[3.3.1]nonane, 3,7-dinitroso-
102-71-6	Ethanol, 2,2',2''-nitrilotris-
103-11-7	2-Propenoic acid, 2-ethylhexyl ester
106-93-4	Ethane, 1,2-dibromo-
107-02-8	2-Propenal
107-05-1	1-Propene, 3-chloro-
107-06-2	Ethane, 1,2-dichloro-
107-15-3	1,2-Ethanediamine
107-87-9	2-Pentanone
108-31-6	2,5-Furandione
108-87-2	Cyclohexane, methyl-
108-88-3	Benzene, methyl- (9CI)
108-91-8	Cyclohexanamine
109-99-9	Furan, tetrahydro-
110-54-3	Hexane
110-91-8	Morpholine
117-79-3	9,10-Anthracenedione, 2-amino-
118-79-6	Phenol, 2,4,6-tribromo-
118-96-7	Benzene, 2-methyl-1,3,5-trinitro-
121-14-2	Benzene, 1-methyl-2,4-dinitro-
122-60-1	Oxirane, (phenoxymethyl)-
123-91-1	1,4-Dioxane
124-09-4	1,6-Hexanediamine
132-32-1	9H-Carbazol-3-amine, 9-ethyl-
140-88-5	2-Propenoic acid, ethyl ester
534-13-4	Dimethyl thiourea
552-30-7	5-Isobenzofurancarboxylic acid, 1,3-dihydro-1,3-dioxo-
593-60-2	Ethene, bromo-
593-92-0	Ethene, 1,1-dibromo- (9CI)
680-31-9	Phosphoric triamide, hexamethyl-
684-16-2	2-Propanone, 1,1,1,3,3,3-hexafluoro-
828-00-2	1,3-Dioxan-4-ol, 2,6-dimethyl-, acetate
1314-20-1	Thorium dioxide
1318-00-9	Vermiculite
1333-86-4	Carbon black
1338-23-4	2-Butanone, peroxide

2223-82-7	2-Propenoic acid, 2,2-dimethyl-1,3-propanediyl ester
2551-62-4	Sulfur fluoride, (OC-6-11)-
3083-25-8	Oxirane, (2,2,2-trichloroethyl)-
13494-80-9	Tellurium
14808-60-7	Quartz
14808-60-7	Quartz
26628-22-8	Sodium azide

Under development

2	Cyanuric acid and chlorinated derivatives
53	1,3-Propanediamine,N,N-dimethyl
51-28-5	Phenol, 2,4-dinitro-
60-29-7	Ethane, 1,1'-oxybis-
74-96-4	Ethane, bromo-
75-91-2	Hydroperoxide, 1,1-dimethylethyl
77-73-6	4,7-Methano-1H-indene, 3a,4,7,7a-tetrahydro-
79-10-7	2-Propenoic acid
80-15-9	Hydroperoxide, 1-methyl-1-phenylethyl
92-52-4	1,1'-Biphenyl
93-00-5	6-amino-2-naphthalene sulfonic acid
96-48-0	2(3H)-Furanone, dihydro-
97-00-7	Benzene, 1-chloro-2,4-dinitro-
101-80-4	Benzenamine, 4,4'-oxybis-
111-46-6	Ethanol, 2,2'-oxybis-
121-45-9	Phosphorous acid, trimethyl ester
129-79-3	9H-Fluoren-9-one, 2,4,7-trinitro-
142-28-9	Propane, 1,3-dichloro-
548-62-9	Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, chloride
614-45-9	Benzenecarboperoxoic acid, 1,1-dimethylethyl ester
1309-64-4	Antimony oxide
2465-27-2	Benzenamine,4,4'-carbonimidoylbis[N,N-dimethyl-, monohydrochloride
2650-18-2	Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl](2-sulfophenyl)methylene]-2,5dien-1-ylidene]-3-sulfo-, hydroxide, inner salt, dsalt
7440-32-6	Titanium
61789-51-3	Naphthenic acids, cobalt salts

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JANUARY 6, 1981

Materials Balances

Completed

10	Anilines
20	Chlorinated benzenes (mono-, di-, tri-, tetra-, and penta-)
47	No preferred name on file
149	Chlorophenols
50-00-0	Formaldehyde
67-66-3	Methane, trichloro-
71-43-2	Benzene
71-55-6	Ethane, 1,1,1-trichloro-
79-01-6	Ethene, trichloro-
95-80-7	1,3-Benzenediamine, 4-methyl-
100-44-7	Benzene, (chloromethyl)-
107-06-2	Ethane, 1,2-dichloro-
127-18-4	Ethene, tetrachloro-
7440-38-2	Arsenic
7440-43-9	Cadmium

Under development

5	Benzidine based dyes and congeners
56-23-5	Methane, tetrachloro-
67-72-1	Ethane, hexachloro-
79-46-9	Propane, 2-nitro-
593-60-2	Ethene, bromo-

ENVIRONMENTAL PROTECTION AGENCY
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PRL I

Completed

71-43-2	Benzene
1318-00-9	Vermiculite

In queue

32	Alkyl phthalates
79-46-9	Propane, 2-nitro-
95-80-7	1,3-Benzenediamine, 4-methyl-
99-59-2	Benzenamine, 2-methoxy-5-nitro-
106-93-4	Ethane, 1,2-dibromo-
107-06-2	Ethane, 1,2-dichloro-
117-79-3	9,10-Anthracenedione, 2-amino-
122-60-1	Oxirane, (phenoxymethyl)-

Under development

117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester

ENVIRONMENTAL PROTECTION AGENCY
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STATUS BY ACTIVITY

JANUARY 5, 1981

Phase I

Completed

5	Benzidine based dyes and congeners
30	Chlorofluorocarbons
33	Phosphates
118-74-1	Benzene, hexachloro-
126-72-7	1-Propanol, 2,3-dibromo-, phosphate (3:1)
1332-21-4	Asbestos
7440-43-9	Cadmium
7440-47-3	Chromium

In queue

31	Polynuclear aromatic hydrocarbons
34	Adipate esters
35	Ethanolamines
56-23-5	Methane, tetrachloro-
67-72-1	Ethane, hexachloro-
75-35-4	Ethene, 1,1-dichloro-
79-34-5	Ethane, 1,1,2,2-tetrachloro-
107-13-1	2-Propenenitrile
108-91-8	Cyclohexanamine
593-60-2	Ethene, bromo-

Under development

50-00-0	Formaldehyde
67-66-3	Methane, trichloro-
79-00-5	Ethane, 1,1,2-trichloro-
79-01-6	Ethene, trichloro-
79-06-1	2-Propenamide
100-44-7	Benzene, (chloromethyl)-
123-91-1	1,4-Dioxane
127-18-4	Ethene, tetrachloro-
7439-97-6	Mercury
7440-38-2	Arsenic

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

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Phase II

Under development

30 Chlorofluorocarbons
1332-21-4 Asbestos

Section 4

Under development

10	Anilines
11	Aryl phosphates
20	Chlorinated benzenes (mono-, di-, tri-, tetra-, and penta-)
24	Cresols
26	Glycidol and its derivatives
27	Halogenated alkyl epoxides
32	Alkyl phthalates
39	Alkyl epoxides
161	Phenylenediamines
71-55-6	Ethane, 1,1,1-trichloro-
74-87-3	Methane, chloro-
75-05-8	Acetonitrile
75-09-2	Methane, dichloro-
77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
78-59-1	2-Cyclohexen-1-one, 3,5,5-trimethyl-
78-87-5	Propane, 1,2-dichloro-
78-93-3	2-Butanone
79-06-1	2-Propenamide
87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
95-47-6	Benzene, 1,2-dimethyl- (9CI)
98-95-3	Benzene, nitro-
101-77-9	Benzenamine, 4,4'-methylenebis-
106-42-3	Benzene, 1,4-dimethyl-
106-51-4	2,5-Cyclohexadiene-1,4-dione
108-10-1	2-Pentanone, 4-methyl-
108-38-3	Benzene, 1,3-dimethyl-
108-88-3	Benzene, methyl- (9CI)
108-94-1	Cyclohexanone
110-86-1	Pyridine
123-31-9	1,4-Benzenediol
141-79-7	3-Penten-2-one, 4-methyl-
1309-64-4	Antimony oxide
1345-04-6	Antimony sulfide
7440-36-0	Antimony

ENVIRONMENTAL PROTECTION AGENCY
MANAGEMENT SUPPORT DIVISION
STATUS BY ACTIVITY

JANUARY 6, 1981

Section 5 SNUR

Completed

6 N-methanesulfonyl-p-toluenesulfonamide

ENVIRONMENTAL PROTECTION AGENCY
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Section 6(a)

Completed

1336-36-3	1,1'-Biphenyl, chlorinated

Under consideration

159	Paints and allied products
107-06-2	Ethane, 1,2-dichloro-
117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester
1318-00-9	Vermiculite
1332-21-4	Asbestos
7440-43-9	Cadmium

Under development

163	Chlorofluorocarbons (non-aersol uses)
1336-36-3	1,1'-Biphenyl, chlorinated

ENVIRONMENTAL PROTECTION AGENCY
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STATUS BY ACTIVITY

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Section 6(d)

Completed

1746-01-6 Dibenzo[b,e][1,4]dioxin, 2,3,7,8-tetrachloro- (9CI)

Section 8(d)

Under development

3	Acrylic acid and 2-methylacrylic acid and their esters
5	Benzidine based dyes and congeners
10	Anilines
11	Aryl phosphates
16	No preferred name on file
24	Cresols
26	Glycidol and its derivatives
27	Halogenated alkyl epoxides
29	Polychlorinated terphenyls
32	Alkyl phthalates
36	Dioxins
39	Alkyl epoxides
175	Organotin Compounds
176	Polychlorinated dibenzofurans
71-43-2	Benzene
71-55-6	Ethane, 1,1,1-trichloro-
74-87-3	Methane, chloro-
74-88-4	Methane, iodo-
75-02-5	Ethene, fluoro-
75-05-8	Acetonitrile
75-09-2	Methane, dichloro-
75-34-3	Ethane, 1,1-dichloro-
75-38-7	Ethene, 1,1-difluoro-
75-45-6	Methane, chlorodifluoro-
77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
78-59-1	2-Cyclohexen-1-one, 3,5,5-trimethyl-
78-87-5	Propane, 1,2-dichloro-
78-93-3	2-Butanone
79-06-1	2-Propenamide
79-46-9	Propane, 2-nitro-
87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
87-86-5	Pentachlorophenol
95-47-6	Benzene, 1,2-dimethyl- (9CI)
95-95-4	Phenol, 2,4,5-trichloro-
96-09-3	Oxirane, phenyl-
98-95-3	Benzene, nitro-
100-41-4	Benzene, ethyl-
100-42-5	Benzene, ethenyl-
100-44-7	Benzene, (chloromethyl)-
101-77-9	Benzenamine, 4,4'-methylenebis-
102-71-6	Ethanol, 2,2',2''-nitrilotris-

106-42-3	Benzene, 1,4-dimethyl-
106-50-3	1,4-Benzenediamine
106-51-4	2,5-Cyclohexadiene-1,4-dione
107-13-1	2-Propenenitrile
108-10-1	2-Pentanone, 4-methyl-
108-38-3	Benzene, 1,3-dimethyl-
108-88-3	Benzene, methyl- (9CI)
108-94-1	Cyclohexanone
110-86-1	Pyridine
110-91-8	Morpholine
123-31-9	1,4-Benzenediol
126-99-8	1,3-Butadiene, 2-chloro-
191-79-7	Mesityloxide
1309-64-4	Antimony oxide
1332-21-4	Asbestos
1345-04-6	Antimony sulfide
7440-36-0	Antimony

Section 8(e)

55 Ethylene glycol, 2-hydroxypropyl-2(2-hydroxyethyl)
57 Cr-141
58 Kemmac 218A
59 Decofuranuronic acid,6,9-diamino
-1-(amino-9h-purin-9-yl)-1,5,6,7,8,9,-hex
60 Hydroxyacetaldehyde dimethyl acetal
61 Phenol formaldehyde resin
62 Diphenylmethane diisocyanate
63 Thiophosphoramide-n,n-dimethylforamidine,
n-2-methoxycarbonyl-1-methylvi
64 Phosphoric acid, 2,2-bis(bromomethyl)
-3-hydroxy-1-propyl
65 Thiophosphoryl-n',n'-dimethylforamidine,
0-methyl-0-trans-(2-methoxycarb
66 Thiophosphoramidate,
dimethyl-n-tetrahydropyronyl
67 Polyvel g-100
68 Octanoylimidazolidin-2-one,
1-(5-t-butyl-1,3,4-thiadiazol-2-yl)
-3-methyl
69 n(2-methoxycarbonyl-1-
methylvinyl-methoxy-thiophosphoryl)
70 Acetamidine,n-(2-isopropoxycarbonyl-1
-methylvinyl-methoxythiophosphorami)
71 (Dichloro-triazino)amino-benzyl-sulfonate
72 Benzene, 1,4-dibromo-2,5-dichloro-
73 Polyethylated benzene tails
74 Nitroaniline, 2-n(2,2,3,3tetrafluoropropyl-1
-amide)-4-trifluoromethyl-
75 Urea, 1-(3,4-dichlorophenyl)-1-carbamyl
methoxy-3-methyl-
76 Solvent refined coal (SRC) - filter feed
77 Wallaid pg-100
78 N-alkyl glycidyl ethers (C2-C10)
79 Bis(tribromoneopentyl)pentaerythritol
cyclic diphosphate MC 948
80 Tetrabromophthalate, 1-propanol monoester
81 No preferred name on file
82 Gulf cut heavy duty soluble oil
83 Pcl bottoms & hex pcl bottoms
84 Stanax (R) 1166
85 Perfluoroimine

86 FC-70 Decomposition products
87 Hydraulic fluid
88 Tetrabromo diallyl carbonate
89 Pentabromophenyl-2,3-dibromocarbonate
90 Napthenic oil mixture
91 Polyvel M-106 polymer
92 N-(2,4-dinitro-6-(trifluoromethyl) phenyl)-n-methyl-2,4,6-tribromobenzen
93 AP-1155 - Polyaromatic amines
94 Polydibromophenylene oxide NC 935A
95 Brominated aromatic oils CN-110-109
96 Isocyanate dimer of 5-t-butyl-1,3,4-thiadazol-2-yl
97 Chlorinated norbornene derivatives
98 Chlorinated dioxin
99 S-methyl-n-((alpha'-methyl-n' -methylcarbamyloxymethylene)oxy)thioacetami
100 Petroleum crude fractions
101 Kenplast G (mixed aromatic hydrocarbons)
102 Bromodichlorobenzene (neutral oils from hydrolysis)
103 Varsol 40
104 Home heating oil (no. 2)
105 Ethoxylated products
106 Jet fuel A
107 Alcohol ethoxysulfate (sodium salt)
108 Alcohol ethoxysulfate (ammonium salt)
109 Arco LB-7979
110 Provalent 4A
111 Dimethylhydantoin - derived epoxy resin (developmental)
112 Polyalkoxylated polyamine
113 Imidazolidin-2-one, 1-(5-t-butyl -1,3,4-thiadiazol-2-yl)-3-methyl-5(M-CHL
114 Fuel oil
115 Sun-cor flexographic 74 red ink
116 Piperazine, 2-Hydroxyethyl
117 Multilithe deglazing solvent
118 Ink roller desensitizer
119 1,1,1,-trifluoro-2-chloro
120 Hexyn-3-ol
121 Octan-2-one, 5-methyl-
122 Petroleum crude fractions, high boiling
123 Hydrocarbon solvents
124 Phosphonium salts
125 Aromatic hydrocarbons
126 Chlorinated hydrocarbons
127 Petroleum distillates

128	Arsenic/cadmium compounds (including mining and smelting compounds)
129	Dibenzo-p-dioxin,polychlorinated
130	No preferred name on file
131	Polybrominated biphenyls
132	No preferred name on file
133	Copper smelting compounds
134	Chromates
135	Vel-5026 intermediates
136	Diesel fuel
137	Polystyrene waste streams
138	Aryl phosphates
140	Phosphonium acid compounds
141	Ethoxylated C12-C15 alcohols
142	Cobalt metal salts
143	Copper metal salts
144	Lead metal salts
145	Nickel metal salts
146	Coal derived fuel oil fractions (Experimental)
147	No preferred name on file
148	Organic solvents
149	Chlorophenols
150	Crude shale oils
151	Aluminum and compounds
160	Fluorine compounds
164	Polyguard
165	Argus 2-328
166	Tri(mixed mono and dinonylphenyl) phosphate
167	Thiodipropionate ester complex
168	Kronitex(R)(50)
169	Kronitex(R)(100)
170	Kronitex(R) 200
171	Kronitex(R) 200B
177	Polyguart H
178	Photocopying toner
179	Dicyclopentadiene
50-00-0	Formaldehyde
50-76-5	No preferred name on file
56-23-5	Methane, tetrachloro-
57-55-6	1,2-Propanediol
62-75-9	Methanamine, N-methyl-N-nitroso-
64-67-5	Sulfuric acid, diethyl ester
65-85-0	Benzoic acid
67-56-1	Methanol
67-66-3	Methane, trichloro-
71-43-2	Benzene
71-55-6	Ethane, 1,1,1-trichloro-
74-93-1	Methanethiol
75-01-4	Ethene, chloro-

75-05-8	Acetonitrile
75-09-2	Methane, dichloro-
75-21-8	Oxirane
75-28-5	Propane, 2-methyl-
75-29-6	Propane, 2-chloro-
75-34-3	Ethane, 1,1-dichloro-
75-35-4	Ethene, 1,1-dichloro-
75-44-5	Carbonic dichloride
75-74-1	Plumbane, tetramethyl-
77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
77-73-6	4,7-Methano-1H-indene, 3a,4,7,7a-tetrahydro-
77-78-1	Sulfuric acid, dimethyl ester
78-00-2	Plumbane, tetraethyl-
78-78-4	Butane, 2-methyl-
79-00-5	Ethane, 1,1,2-trichloro-
79-01-6	Ethene, trichloro-
79-11-8	Acetic acid, chloro-
79-20-9	Acetic acid, methyl ester
79-27-6	Ethane, 1,1,2,2-tetrabromo-
79-46-9	Propane, 2-nitro-
79-94-7	Phenol, 4,4'-(1-methylethylidene)bis[2,6-dibromo-
92-49-9	Benzenamine, N-(2-chloroethyl)-N-ethyl-
92-52-4	1,1'-Biphenyl
95-03-9	Butanoic acid, 2-ethyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester (9CI)
96-12-8	Propane, 1,2-dibromo-3-chloro-
96-13-9	1-Propanol, 2,3-dibromo-
98-07-7	Benzene, (trichloromethyl)-
98-83-9	Benzene, (1-methylethenyl)-
98-87-3	Benzene, (dichloromethyl)-
98-88-4	Benzoyl chloride
100-42-5	Benzene, ethenyl-
100-44-7	Benzene, (chloromethyl)-
101-84-8	Benzene, 1,1'-oxybis-
102-71-6	Ethanol, 2,2',2''-nitrilotris-
102-77-2	Morpholine, 4-(2-benzothiazolylthio)-
103-11-7	2-Propenoic acid, 2-ethylhexyl ester
103-71-9	Benzene, isocyanato-
103-76-4	1-Piperazineethanol
106-89-8	Oxirane, (chloromethyl)-
106-90-1	2-Propenoic acid, oxiranylmethyl ester
106-91-2	2-Propenoic acid, 2-methyl-, oxiranylmethyl ester
107-06-2	Ethane, 1,2-dichloro-
107-07-3	Ethanol, 2-chloro-
107-13-1	2-Propenenitrile
108-05-4	Acetic acid ethenyl ester
108-31-6	2,5-Furandione

108-88-3	Benzene, methyl- (9CI)
108-90-7	Benzene, chloro-
110-91-8	Morpholine
115-27-5	4,7-Methanoisobenzofuran-1,3-dione, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-
115-86-6	Phosphoric acid, triphenyl ester
118-79-6	Phenol, 2,4,6-tribromo-
120-71-8	Benzenamine, 2-methoxy-5-methyl-
121-14-2	Benzene, 1-methyl-2,4-dinitro-
121-45-9	Phosphorous acid, trimethyl ester
122-07-6	Ethanamine, 2,2-dimethoxy-N-methyl-
122-60-1	Oxirane, (phenoxymethyl)-
123-91-1	1,4-Dioxane
126-72-7	1-Propanol, 2,3-dibromo-, phosphate (3:1)
127-09-3	Acetic acid, sodium salt
127-18-4	Ethene, tetrachloro-
133-21-1	4,7-Methano-1H-inden-5-ol, 3a,4,5,6,7,7a-hexahydro-
140-88-5	2-Propenoic acid, ethyl ester
141-59-3	2-Pentanethiol, 2,4,4-trimethyl-
150-76-5	Phenol, 4-methoxy-
156-60-5	Ethene, 1,2-dichloro-, (E)-
382-21-8	1-Propene, 1,1,3,3,3-pentafluoro-2-(trifluoromethyl)- (9CI)
542-88-1	Methane, oxybis[chloro-
542-92-7	1,3-Cyclopentadiene
552-30-7	5-Isobenzofurancarboxylic acid, 1,3-dihydro-1,3-dioxo-
593-60-2	Ethene, bromo-
603-35-0	Phosphine, triphenyl-
620-05-3	Benzene, (iodomethyl)-
624-92-0	Disulfide, dimethyl
625-22-9	Sulfuric acid, dibutyl ester (8CI9CI)
632-79-1	1,3-Isobenzofurandione, 4,5,6,7-tetrabromo-
638-16-4	1,3,5-Triazine-2,4,6(1H,3H,5H)-trithione
706-78-5	Cyclopentene, octachloro- (8CI9CI)
828-66-0	4,7-Methanoisobenzofuran-1,3-dione, 3a,4,7,7a-tetrahydro-8-methyl- (9C I)
928-04-1	2-Butynedioic acid, monopotassium salt
930-37-0	Oxirane, (methoxymethyl)-
1100-88-5	Phosphonium, triphenyl(phenylmethyl)-, chloride
1330-78-5	Phosphoric acid, tris(methylphenyl) ester
1333-82-0	Chromium oxide
1336-36-3	1,1'-Biphenyl, chlorinated
1484-13-5	9H-Carbazole, 9-ethenyl-
1563-66-2	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate
1738-25-6	Propanenitrile, 3-(dimethylamino)-

1746-01-6	Dibenzo[b,e][1,4]dioxin, 2,3,7,8-tetrachloro- (9CI)
1832-07-1	Phosphonitrile chloride
1932-04-3	Piperidine, 1,1'-(1,2-ethanediyl)bis-
1937-37-7	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(-, disodium salt
2215-35-2	o,o,bis (1,3-dimethyl-butyl) phosphorodithioic acid, zinc salt
2223-82-7	2-Propenoic acid, 2,2-dimethyl-1,3-propanediyl ester
2426-08-6	Oxirane, (butoxymethyl)-
2442-57-7	No name yet identified for CSR
2905-65-9	Benzoic acid, 3-chloro-, methyl ester
2973-10-6	Sulfuric acid, bis(1-methylethyl) ester (9CI)
3033-62-3	Ethanamine, 2,2'-oxybis[N,N-dimethyl-
3179-90-6	9,10-Anthracenedione, 1,4-dihydroxy-5,8-bis[(2-hydroxyethyl)amino]-
3389-71-7	Bicyclo[2.2.1]hepta-2,5-diene, 1,2,3,4,7,7-hexachloro-
4196-36-5	1,3-Propanediol, 2,2-bis[(benzoyloxy)methyl]-, dibenzoate
4261-68-1	2-Propanamine, N-(2-chloroethyl)-N-(1-methylethyl)-, hydrochloride
4584-49-0	1-Propanamine, 2-chloro-N,N-dimethyl-, hydrochloride
4736-60-1	Phosphonium, ethyltriphenyl-, iodide
4835-11-4	1,6-Hexanediamine, N,N'-dibutyl-
5216-25-1	Benzene, 1-chloro-4-(trichloromethyl)-
6058-23-7	No name yet identified for CSR
6369-65-9	Dinaphtho[1,2,3-cd:3',2',1'-lm]perylene-5,10-dione, 3,12-dinitro-
7177-48-2	4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-, trihyd[2.alpha.,5.alpha.,6.beta.(S*)]]- (9CI)
7252-83-7	Ethane, 2-bromo-1,1-dimethoxy-
7440-02-0	Nickel
7440-43-9	Cadmium
7647-01-0	Hydrochloric acid
7647-15-6	Sodium bromide
7665-72-7	Oxirane, [(1,1-dimethylethoxy)methyl]-
7775-11-3	Chromic acid, disodium salt
7778-18-9	Sulfuric acid, calcium salt (1:1)
7782-50-5	Chlorine
7783-06-4	Hydrogen sulfide
7783-20-2	Sulfuric acid diammonium salt
7789-06-2	Chromic acid, strontium salt (1:1)
7789-12-0	Chromic acid ($H_2Cr_2O_7$), disodium salt, dihydrate

	(9CI)
8006-14-2	Natural gas
9003-04-7	2-Propenoic acid, homopolymer, sodium salt
10025-67-9	Sulfur chloride
10025-87-3	Phosphoryl chloride
10043-01-3	Sulfuric acid, aluminum salt (3:2)
11089-65-9	Tunicamycin (9CI)
11114-18-4	No name yet identified for CSR
12108-13-3	Manganese, tricarbonyl[(1,2,3,4,5-.eta.)-1-methyl-2,4-cyclopentadien-1 -yl]- (9CI)
12824-93-1	No name yet identified for CSR
13752-51-7	Morpholine, 4-[(4-morpholinylthio)thioxomethyl]-
14040-11-0	No preferred name on file
17157-48-1	No name yet identified for CSR
17356-39-2	No name yet identified for CSR
17786-43-5	Phosphonium, tetrabutyl-, acetate, monoacetate
20109-39-1	1-Propanol, 2-[2-(benzoyloxy)propoxy]-, benzoate
21609-90-5	Phosphonothioic acid, phenyl-, O-(4-bromo-2,5-dichlorophenyl) O-methyl ester (8CI9CI)
21908-53-2	Mercury oxide
22564-43-8	Benzenamine, N-(2-chloroethyl)-N-ethyl-3-methyl-
23307-05-3	Methanamine, N-methyl-, sulfate (1:1)
24934-91-6	Phosphorodithioic acid, S-(chloromethyl) O,O-diethyl ester (8CI9CI)
25068-38-6	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane
25155-23-1	Phenol, dimethyl-, phosphate (3:1)
25329-35-5	1,3-Cyclopentadiene, 1,2,3,4,5-pentachloro- (8CI9CI)
25563-14-8	No name yet identified for CSR
25637-99-4	Cyclododecane, hexabromo-
26842-43-3	Pentanenitrile, 2-amino-2,4-dimethyl-
26903-94-6	Benzenamine, N,N-diethyl-4-(1H-1,2,4-triazol-3-ylazo)-
33791-58-1	Acrylic acid, 3a,4,5,6,7,7a-hexahydro-4,7-methanoindenyl ester
33857-26-0	Dibenzo[b,e][1,4]dioxin, 2,7-dichloro- (9CI)
35835-94-0	Phosphonium, ethyltriphenyl-, acetate
37853-59-1	Benzene, 1,1'-[1,2-ethanediylbis(oxy)]bis[2,4,6-tribromo-
51461-71-3	No name yet identified for CSR
56910-74-8	No name yet identified for CSR
58496-98-3	No name yet identified for CSR
58573-43-6	No name yet identified for CSR
59261-06-2	No name yet identified for CSR

59489-59-7	No name yet identified for CSR
60928-15-6	No name yet identified for CSR
61791-97-7	Benzenamine, N-(2-methyl-2-nitrobutyl)-4-nitroso-
63428-83-1	Zytel nylon resin
64741-44-2	Distillates (petroleum), straight-run middle
64741-48-6	Natural gas (petroleum), raw liq. mix
64741-54-4	Naptha (petroleum), heavy catalytic cracked
64741-59-9	Distillates (petroleum), light catalytic cracked
64741-62-4	Clarified oils (petroleum), catalytic cracked
64741-66-8	Naphtha (petroleum), light alkylate
64742-46-7	Distillates (petroleum), hydrotreated middle
66108-37-0	Phosphoric acid, 2,2-bis(bromomethyl)-3-chloropropyl bis[2-chloro-1-(chloromethyl)ethyl] ester
67762-19-0	-Ammonium salt
67762-41-8	Alcohols C9-C15
68002-97-1	Alcohol ethoxylate
68109-57-9	Ethanone, 2,2-bis(1-methylpropoxy)-1-phenyl-
68187-58-6	Aromatic petroleum pitch
68410-09-3	Distillates (coal), solvent-refining (SRC), wash
68410-72-0	Residues (coal), solvent-refining (SRC), filtration
68476-30-2	Fuel oil, no. 2
68476-79-9	Naphtha (coal), solvent-refining
68937-40-6	Phenol, isobutylenated, phosphate (3:1)
68937-41-7	Phenol, isopropylated, phosphate (3:1)

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